

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100423\
 Data File : FG012967.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2023 16:28
 Operator : YP\AJ
 Sample : 04699-04
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e
 Quant Time: Oct 05 00:13:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.077	2001841	17.664 ug/ml
Target Compounds			
1) N-OCTANE	2.076	119666	1.070 ug/ml
2) N-DECANE	4.595	134619	1.170 ug/ml
3) N-DODECANE	6.768	137322	1.169 ug/ml
4) N-TETRADECANE	8.600	138211	1.170 ug/mlm
5) N-HEXADECANE	10.213	140015	1.157 ug/ml
6) N-OCTADECANE	11.659	140935	1.155 ug/ml
7) N-EICOSANE	12.972	141143	1.153 ug/ml
8) N-DOCOSANE	14.174	139156	1.168 ug/ml
10) N-TETRACOSANE	15.279	139631	1.165 ug/ml
11) N-HEXACOSANE	16.303	139579	1.179 ug/ml
12) N-OCTACOSANE	17.254	141568	1.209 ug/ml
13) N-TRIACONTANE	18.142	153004	1.325 ug/ml
14) N-DOTRIACONTANE	18.977	165167	1.485 ug/ml
15) N-TETRATRIACONTANE	19.759	164430	1.741 ug/ml
16) N-HEXATRIACONTANE	20.500	142753	1.932 ug/ml
17) N-OCTATRIACONTANE	21.254	130324	1.967 ug/ml
18) N-TETRACONTANE	22.197	110800	1.757 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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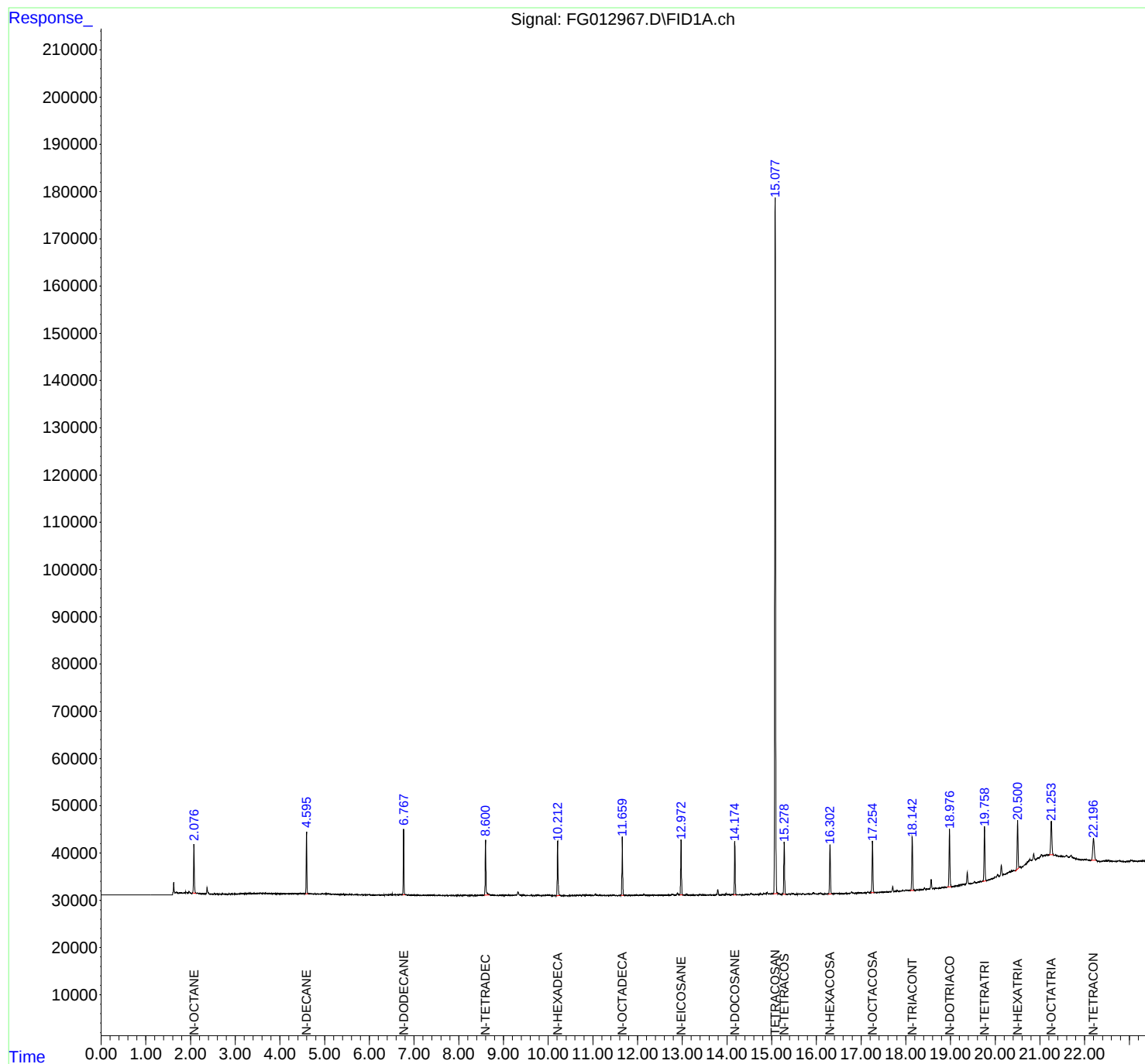
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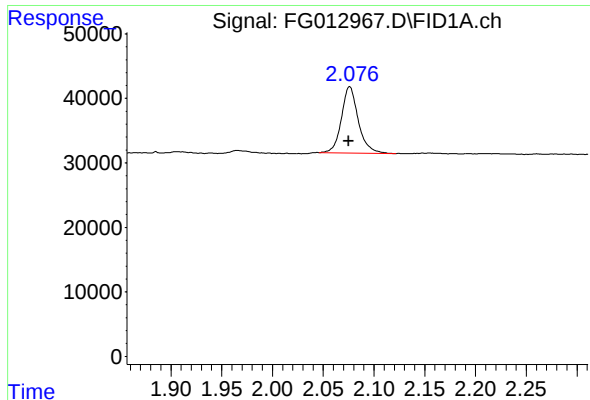
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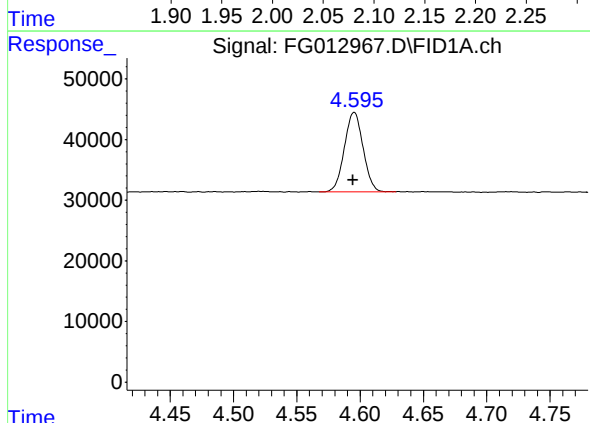
#1 N-OCTANE

R.T.: 2.076 min
Delta R.T.: 0.001 min
Response: 119666
Conc: 1.07 ug/ml

Instrument :
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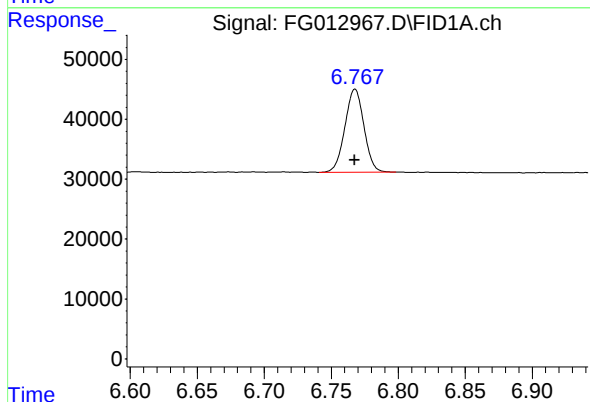
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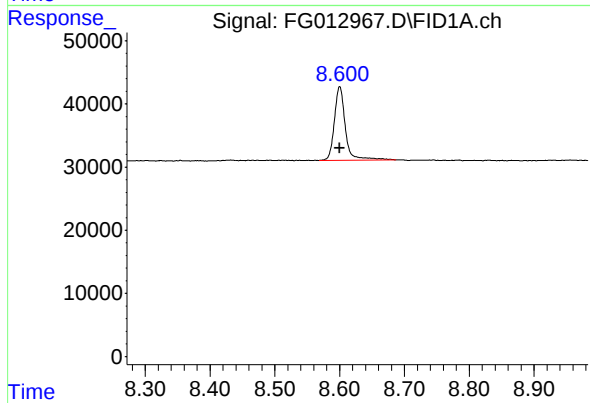
#2 N-DECANE

R.T.: 4.595 min
Delta R.T.: 0.001 min
Response: 134619
Conc: 1.17 ug/ml



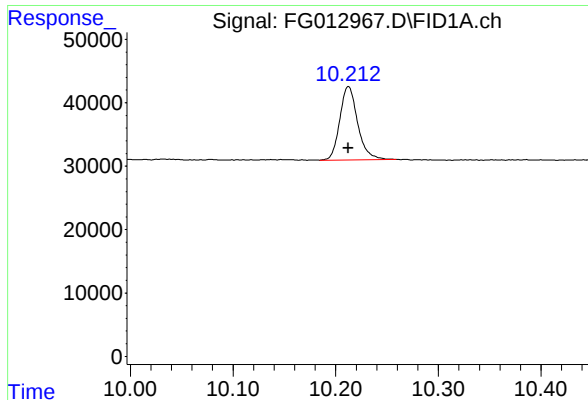
#3 N-DODECANE

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 137322
Conc: 1.17 ug/ml



#4 N-TETRADECANE

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 138211
Conc: 1.17 ug/ml m



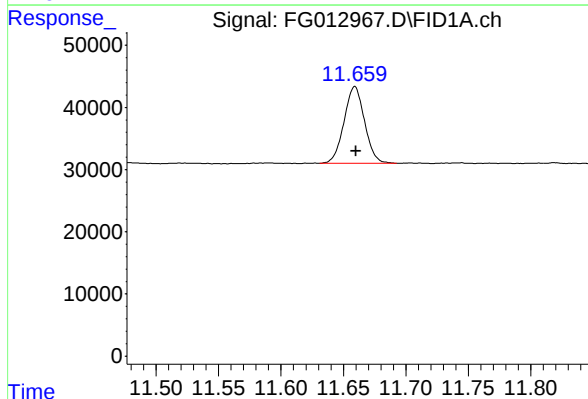
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 140015
Conc: 1.16 ug/ml

Instrument :
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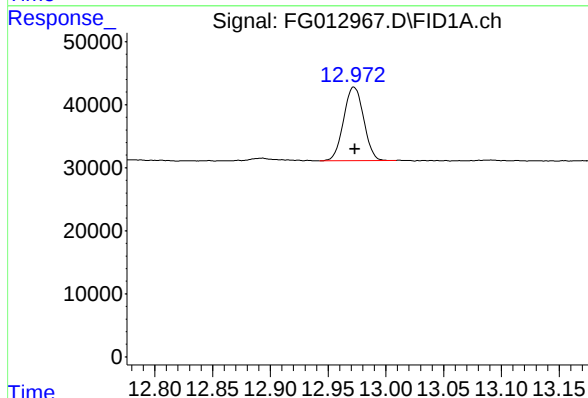
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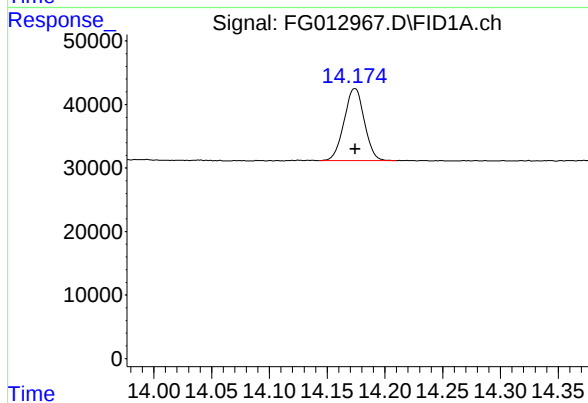
#6 N-OCTADECANE

R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 140935
Conc: 1.15 ug/ml



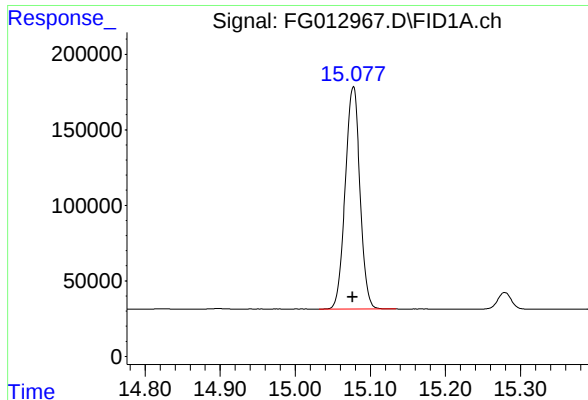
#7 N-EICOSANE

R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 141143
Conc: 1.15 ug/ml



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: 0.000 min
Response: 139156
Conc: 1.17 ug/ml



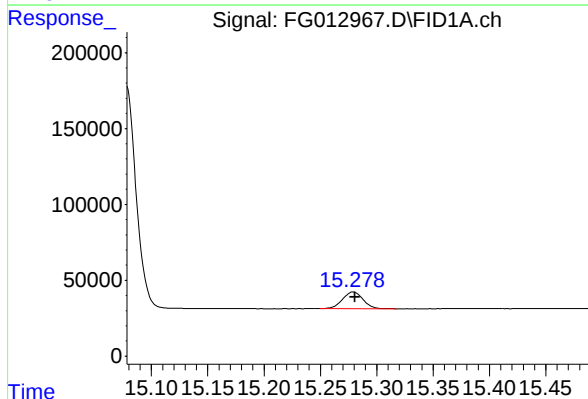
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.077 min
Delta R.T.: 0.000 min
Response: 2001841
Conc: 17.66 ug/ml

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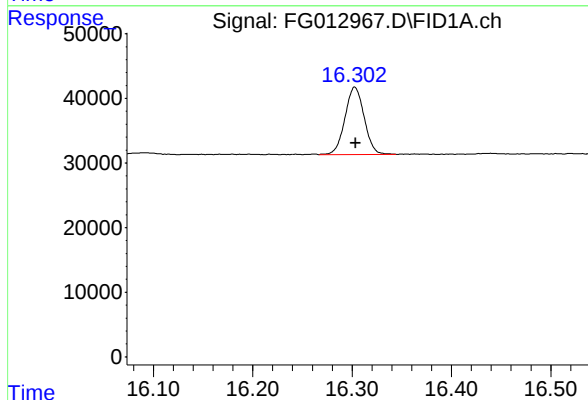
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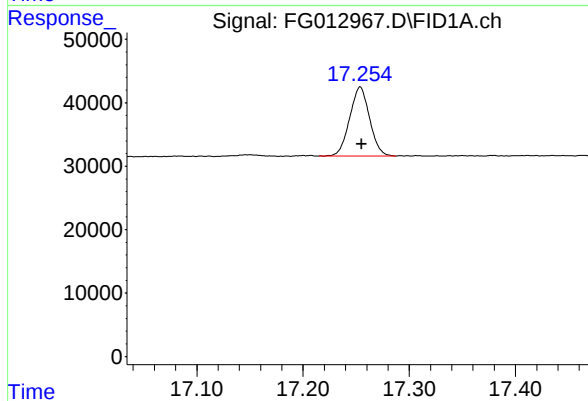
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: -0.002 min
Response: 139631
Conc: 1.17 ug/ml



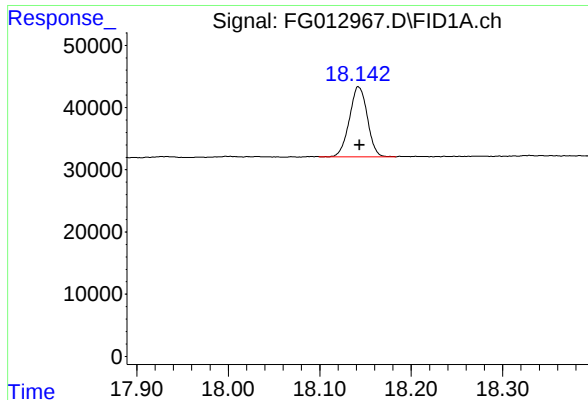
#11 N-HEXACOSANE

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 139579
Conc: 1.18 ug/ml



#12 N-OCTACOSANE

R.T.: 17.254 min
Delta R.T.: -0.001 min
Response: 141568
Conc: 1.21 ug/ml



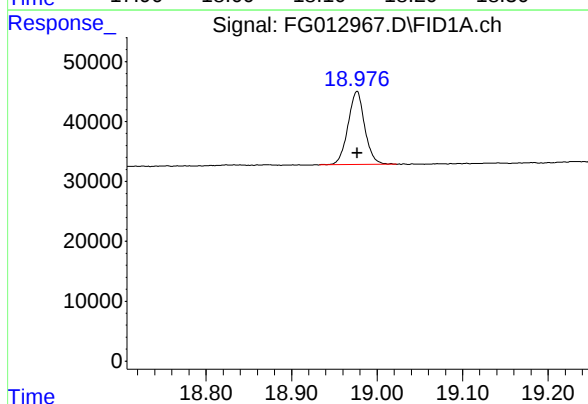
#13 N-TRIACONTANE

R.T.: 18.142 min
Delta R.T.: -0.001 min
Response: 153004
Conc: 1.33 ug/ml

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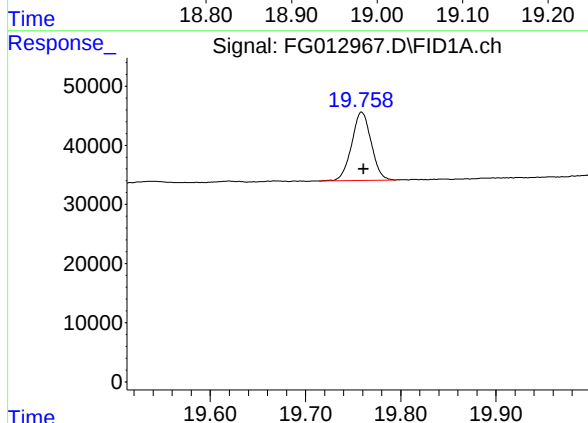
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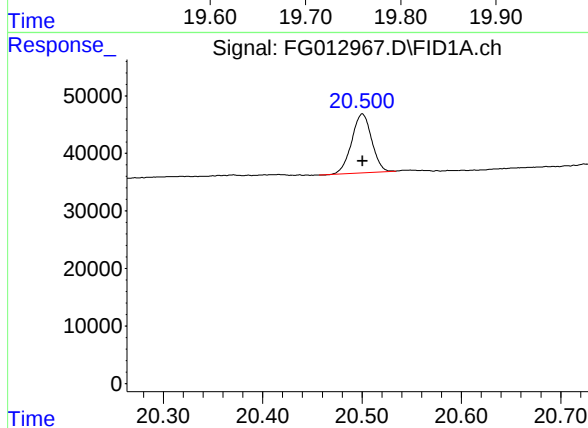
#14 N-DOTRIACONTANE

R.T.: 18.977 min
Delta R.T.: 0.000 min
Response: 165167
Conc: 1.49 ug/ml



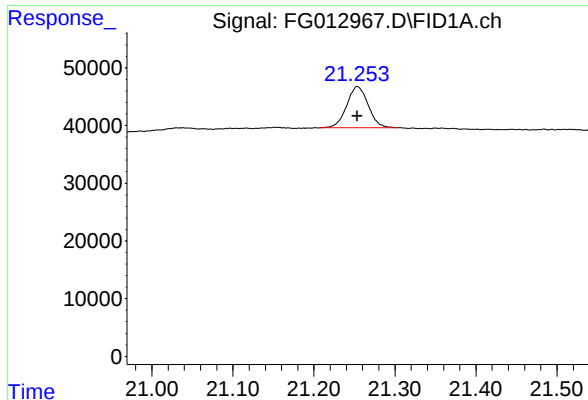
#15 N-TETRATRIACONTANE

R.T.: 19.759 min
Delta R.T.: -0.002 min
Response: 164430
Conc: 1.74 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.500 min
Delta R.T.: 0.000 min
Response: 142753
Conc: 1.93 ug/ml



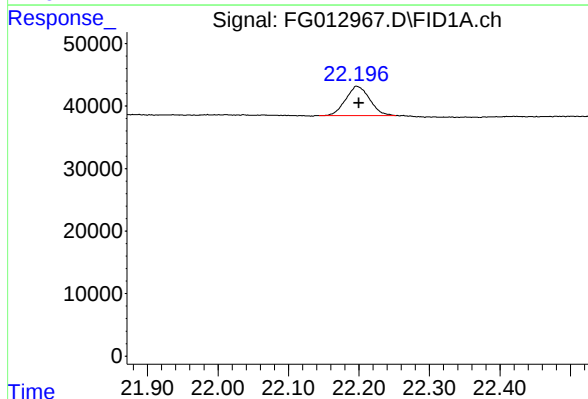
#17 N-OCTATRIACONTANE

R.T.: 21.254 min
Delta R.T.: 0.000 min
Response: 130324
Conc: 1.97 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.197 min
Delta R.T.: -0.003 min
Response: 110800
Conc: 1.76 ug/ml